

FORM PTO-1390 (REV. 01-2003)		US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 129497
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			
INTERNATIONAL APPLICATION NO. PCT/FR2005/000814	INTERNATIONAL FILING DATE April 4, 2005	PRIORITY DATE CLAIMED April 6, 2004	
TITLE OF INVENTION METHOD FOR THE MIXED RECYCLING OF LITHIUM-BASED ANODE BATTERIES AND CELLS			
APPLICANTS FOR DO/EO/US Farouk TEDJAR et al.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). c. <input type="checkbox"/> The International Application was filed in English. 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 			
Items 11 to 20 below concern document(s) or information included:			
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: 			

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/593,332	INTERNATIONAL APPLICATION NO. PCT/FR2005/000814	ATTORNEY'S DOCKET NUMBER 129497		
21. <input type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY		
BASIC NATIONAL FEE (37 CFR 1.492(a)): \$ 300.00		\$		
SEARCH FEE (37 CFR 1.492(b)(1)-(3)):		\$		
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase \$ 0.00				
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA..... \$ 100.00				
International search report provided to USPTO no later than the time at which the search fee is paid \$ 400.00				
All situations not provided for above \$ 500.00				
EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):		\$		
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase \$ 0.00				
All situations not provided for above \$ 200.00				
Surcharge of \$130.00 for furnishing the search fee, the examination fee or the oath or declaration after the date of commencement of the national phase (37 CFR 1.492(h)).		\$		
APPLICATION SIZE FEE Total pages - 100 =	÷ 50	= †	x 250 =	\$
†round up to next integer				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
TOTAL CLAIMS	- 20	=	x 50.00 =	\$
INDEPENDENT CLAIMS	- 3	=	x 200.00 =	\$
MULTIPLE DEPENDENT CLAIM(S)(if applicable)			+ 360.00 =	\$
TOTAL OF ABOVE CALCULATIONS =				\$
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½ .				
SUBTOTAL =				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				
TOTAL NATIONAL FEE =				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				
TOTAL FEES ENCLOSED =				
				Amount to be refunded: \$
				charged: \$
a. <input type="checkbox"/> Check No. in the amount of \$ to cover the above fees is enclosed.				
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed.				
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status				
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944				
 NAME: William P. Berridge REGISTRATION NUMBER: 30,024				
Date <u>October 16, 2006</u>	NAME: Stephen P. Catlin REGISTRATION NUMBER: 36,101			

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Farouk TEDJAR et al.

Application No.: 10/593,332

Filed: September 19, 2006

Docket No.: 129497

For: METHOD FOR THE MIXED RECYCLING OF LITHIUM-BASED ANODE BATTERIES
AND CELLSINFORMATION DISCLOSURE STATEMENTCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Relevance of one or more non-English language reference is discussed in the present specification. See References 4-9, 17 and 19-22.
- 3. One or more reference cited herein was cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information. See References 10-15.
- 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- 5. An English language Abstract of one or more non-English language reference is attached hereto. See References 4-14, 17, 19, 21 and 22.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.R./

- 6. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 4-13.
- 7. References 19 and 20 correspond to references 22 and 21, respectively.
- 8. References 26 relates to the structural formula of dihydro-1, 4-diphenyl-3, 5-phenylimino-1, 2, 4-triazole.

Respectfully submitted,



William P. Berridge
Registration No. 30,024

Stephen P. Catlin
Registration No. 36,101

WPB:SPC/emt

Date: October 16, 2006

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461

Sheet 1 of 2

Form PTO-1449 (REV. 1/06)			US Dept. of Commerce PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY DOCKET NO. 129497	APPLICATION NO. 10/593,332
					APPLICANTS Farouk TEDJAR et al.	
					FILING DATE September 19, 2006	
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Name		
	1	6,511,639 B1	01/28/2003	Schmidt et al.		
	2	5,882,811	03/16/1999	Kawakami		
	3	5,888,463	03/30/1999	McLaughlin et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
	4	JP A 10-287864	10/27/1998	Japan	X	X
	5	JP A 10-46266 JP 10-046266	02/17/1998	Japan	X	X
	6	JP A 10-158751	06/16/1998	Japan	X	X
	7	JP A 10-74539	03/17/1998	Japan	X	X
	8	JP A 10-330855	12/15/1998	Japan	X	X
	9	JP A 11-185833	07/09/1999	Japan	X	X
	10	JP A 11-242967	09/07/1999	Japan	X	X
	11	JP A 7-245126	09/19/1995	Japan	X	X
	12	JP A 2000-313926	11/14/2000	Japan	X	X
	13	JP A 6-322452	11/22/1994	Japan	X	X
	14	TW 501294 B	09/01/2002	Taiwan	X	
	15	EP 1 333 522 A1	08/06/2003	Europe		
OTHER DOCUMENTS						
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)				
EXAMINER /Richard Rump/				DATE CONSIDERED 05/11/2009		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Date: October 16, 2006

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.R./

Sheet 2 of 2

Form PTO-1449 (REV. 1/06)			US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 129497	APPLICATION NO. 10/593,332
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANT(S) Farouk TEDJAR et al.		
			FILING DATE September 19, 2006		
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number	Date	Name	
FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract With English Translation
	16	WO 02/23651 A1	03/21/2002	WIPO	
	17	FR 2 812 973	02/15/2002	France	X
	18	WO 99/34473	07/08/1999	WIPO	
	19	EP 0 620 607 A1	10/19/1994	Europe	X
	20	WO 03/021708 A2	03/13/2003	WIPO	
	21	FR 2 704 098	10/21/1994	France	X
	22	FR 2 827 710	01/24/2003	France	X
OTHER DOCUMENTS					
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)			
	23	McLaughlin, "Lithium Recycling and Disposal Techniques," Presented at the Fifth Annual International Seminar on Battery Waste Management, Deerfield Beach, Florida, November 1-3, 1993			
	24	Yamada et al., "Optimized LiFePO ₄ for Lithium Battery Cathodes," Journal of Electrochemical Society, 148, 3, pp. 224-225, 2001			
	25	"The Sumitomo- Sony Method," Presented during the 5 th International Seminar on Used Battery and Cell Management, Florida, October 1998			
	26	Susan Budavari, Editor, "The Merck Index, An Encyclopedia of Chemicals, Drugs, and Biologicals," Twelfth Edition, Merck Research Laboratories, pp. 1137, reference no. 6710, 1996			
	27	Lide, Editor-in-Chief, "Handbook of Chemistry and Physics, 1913-1995," 75 th Edition, pp. 8-60, 8-61 and 4-70			
EXAMINER <u>/Richard Rump/</u>				DATE CONSIDERED <u>05/11/2009</u>	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

Date: October 16, 2006

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